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Munich New York Orange County Rome San Diego Silicon Valley Washington, D.C.**FACSIMILE****Date:** April 5, 2005**Time Sent:**

<b>To:</b> Examiner: Thomas Noland	<b>Company:</b> USPTO, Art Unit: 2856	<b>Facsimile No:</b> 703-872-9306	<b>Telephone No:</b>
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<b>Client/Matter/Tkpr:</b> 056231-0430-5664		<b>Original to Follow by Mail:</b> No	
		<b>Number of Pages, Including Cover:</b> 10	
<b>Re:</b> Application Number: 10/603,946			

**Message:**

<b>In re Patent Application of:</b>	Zarkar et al.	<b>Art Unit:</b>	2856
<b>Application Number(s):</b>	10/603,946	<b>Examiner:</b>	Thomas Noland
<b>Filing Date:</b>	June 25, 2003	<b>Confirm. No.:</b>	3126
<b>Title:</b>	<b>SYSTEM AND METHOD FOR IN-SITU FLOW VERIFICATION AND CALIBRATION</b>		
<b>Docket Number:</b>	56231-430 (MKS-132)		

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U.S. practice conducted through McDermott Will & Emery LLP.  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Zarkar et al. Art Unit: 2856  
 Application Number(s): 10/603,946 Examiner: Thomas Noland  
 Filing Date: June 25, 2003 Confirm. No.: 3126  
 Title: **SYSTEM AND METHOD FOR IN-SITU FLOW  
 VERIFICATION AND CALIBRATION**  
 Docket Number: 56231-430 (MKS-132)

CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being facsimile transmitted to Technology Center 2800 of the U.S. Patent and Trademark Office (Fax No. 703-872-9306) on April 5, 2005.

  
 Jeff Miller

Via Facsimile 703-872-9306  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Applicant encloses herewith for filing in connection with the above-referenced patent application the following documents:

1. AMENDMENT "A" for filing in response to Office Action of January 27, 2005.

The fee has been calculated as shown below:

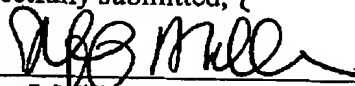
	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	20	20	0	\$100.00 =	\$0.00
Independent Claims	2	3	0	\$200.00 =	\$0.00
Multiple claims newly presented					\$0.00
Total of Above Calculations					\$0.00

BST99 1452544-1.056231.0430

The Commissioner is hereby authorized to charge the payment of the fees associated with this communication or credit any overpayment, to Deposit Account No. 50-1133, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Date: April 5, 2005

Respectfully submitted, ,



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Zarkar et al. Art Unit: 2856  
Application Number(s): 10/603,946 Examiner: Thomas Noland  
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Jeff Miller



Via Facsimile 703-872-9306  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT A

Sir:

In response to the Office Action mailed January 27, 2005, please amend the above-identified application as follows:

**Amendments to the Specification** are provided on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.

BST99 1452499-1.056231.0430